

# National Corrections Image Exchange

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# National Corrections Image Exchange

- The International Justice and Public Safety Network (Nlets) provides a secure public safety telecommunications network to support standardized, integrated data sharing.
- The core is a series of state message switches, and a set of standardized message formats.

# National Corrections Image Exchange

- An Nlets initiative has recognized the value of images (photos) to law enforcement officials
- They began a project called Nlets Interstate Sharing of Photos, or NISP
- This started as sharing of driver license photos

# National Corrections Image Exchange

- Driver license photos proved so valuable that they began to think about other image collections that might be useful, and correction photos was an obvious choice
- U.S. Departments of Justice and Homeland Security provided a grant
- North Carolina and Oregon agreed to be pilot sites

# National Corrections Image Exchange

- Correction in North Carolina is both prison and probation
- All records held in a central database
- Records go back to 1972
- 1.1 million unique offender records
- Majority of inmates have photos
- Probation photos not as complete

# National Corrections Image Exchange

- While getting the image was the objective, the request is text-based, and the response needs both image and text data elements to be useful
- Fortunately, there were already standard Nlets message types dealing with Corrections data we could leverage

# National Corrections Image Exchange

- The result is a web service responding to requests from the LEMS message switch
- Implemented in accordance with WSDL
- Requests and responses are XML format consistent with NLETS message standards
- Images are converted and sent as Base-64 encoded

# National Corrections Image Exchange

The screenshot shows a software window titled "QUERY CORRECTIONS (CPQ)". It contains two main sections: "AGENCY/CASE DATA" and "PERSON DATA".

**AGENCY/CASE DATA**

Originating Agency Code (ORI)	<input type="text"/>	NLETS Destination Code	<input type="text"/>	<input data-bbox="1409 591 1444 618" type="button" value="..."/>	
NLETS Destination Code	<input type="text"/>	<input data-bbox="831 639 867 667" type="button" value="..."/>	NLETS Destination Code	<input type="text"/>	<input data-bbox="1409 639 1444 667" type="button" value="..."/>
NLETS Destination Code	<input type="text"/>	<input data-bbox="831 688 867 716" type="button" value="..."/>	NLETS Destination Code	<input type="text"/>	<input data-bbox="1409 688 1444 716" type="button" value="..."/>
Optional Control Field	<input type="text"/>				

**PERSON DATA**

Name (NAM)	<input type="text"/>				
Date of Birth (DOB)	<input type="text"/>	Sex (SEX)	<input type="text"/>	<input data-bbox="1276 883 1312 911" type="button" value="..."/>	
Race (RAC)	<input type="text"/>	<input data-bbox="806 932 842 959" type="button" value="..."/>	Eye Color (EYE)	<input type="text"/>	<input data-bbox="1262 932 1297 959" type="button" value="..."/>
FBI Number (FBI)	<input type="text"/>	State Identification Number (SID)	<input type="text"/>		
Social Security Number (SOC)	<input type="text"/>	Corrections ID (DOC)	<input type="text"/>		
Operator's License Number (OLN)	<input type="text"/>				
Image Request (IMQ)	<input type="text"/>	<input data-bbox="806 1143 842 1170" type="button" value="..."/>			



Full return layout With data (no boxes)

**Name:**

Jonathon R. Smithsonelman

**Race/Eth:**

W

**Sex:**

M

**DOB:**

06/22/1957

**Height:**

6' 0"

**Weight:**

200

**Hair Color:**

Brown

**Eye Color:**

Brown



**Address:**

5000 Radio Place Road, Broken Arrow, TX 00090

**SMT (list):**

Tattoo red rose on right forearm, skull on left shin, lightening bolt , swastika on **left** side of torso

**POB:**

Anytown, Province A, Anycountry

**SID:**

03059988

**FBI:**

305998800

**DOC:**

0000000

**OLN:**

3059988

**SSN:**

001-00-0001

**Probation/supervision agency:**

NC Adult Probation

**Corrections/Incarceration agency:**

NC DOC, (000) 000-0000

**Release Recipient:**

NC Adult Probation

**Release from:**

NC DOC, (000) 000-0000

**Release date:**

05/05/2007

**Subject Caveat:**

Aryan Brotherhood gang member; made repeated threats to all non-whites during incarceration

**Sex Offender Registrant:**

Y

\*\*\* This is not a criminal history. This represents the most recent corrections information available from this agency. There may be additional corrections information available \*\*\*

# National Corrections Image Exchange

- Leveraging the CPQ message
- Already had a law enforcement website with basic offender info and photo
- Have a statewide mobile data network but too slow for web access
- CPQ gets us to mobile officers
- But CPQ depends on officer asking if person is known to us

# National Corrections Image Exchange

- We wanted to alert officers transacting regular business that Corrections knows something about this person
- We wanted to leverage that traffic stop by providing our correction officers an alert when one of our offenders gets stopped

# National Corrections Image Exchange

- For warrant checks and driver license checks, the administrators of our State message switch already do spin-off queries to DMV, court records and criminal records
- We asked them to add us to the list
- We use the CPQ message format to respond

# National Corrections Image Exchange

- Capability went live May - July 2009
- CPQ, then warrant spin-off, then driver license
- Volume jumped with driver license query
- Average between 25,000 and 30,000 daily requests, returning info on over 4,000 offenders each day

# National Corrections Image Exchange

- Have had 8.6 million queries since start-up
- 82.48%: we don't know the person
- 17.08%: we match to a single offender
- .17%: we match multiple offenders
- .28%: we match an absconder (but that is still 24,000 absconders since inception)

# National Corrections Image Exchange

- Worked closely with law enforcement to get our terminology clear
- Worked to decide best use of each field
  - What address to use
  - What contact information to give
  - What action to take, if any

North Carolina Department of Corrections File

Name	Race/Eth	Sex	DOB
SMITH, ABBIE L	White/Unknown	Female	1964-07-23
Height	Weight	Eye Color	Hair Color
64	135	Unknown	Brown

Address  
1378 ROTHROCK RD., WALNUT COVE, NC, 27052

SMT  
SCAR EYE LEFT SC L EYE

POB  
UNITED STATES

AKA  
NAME: SMITH, ABBIE LEIGH  
NAME: SMITH, ABBIE

SID	FBI	DOC
NC0662523A	550432AB3	0502827

Probation/supervision agency  
STOKES County Probation/Parole, 336-593-2441 after hours contact 1-888-646-0024

Parole Status  
PROBATION

Caveat  
Active Probation/Parole

\*\*\* This is not a criminal history. This represents the most recent corrections information available from this agency. There may be additional corrections information available \*\*\*\*\*







IMAGE :



IMAGE CAPTURE DATE: 2009-06-29

IMAGE CAPTURE TIME: 02:07:23

\*\*

\*\*\* END OF MESSAGE \*\*\*

North Carolina Department of Corrections File

Name	Race/Eth	Sex	DOB
BEAMON,PATRICK T	Black/Not hispanic	Male	1980-03-06
Height	Weight	Eye Color	Hair Color
72	172	Brown	Black

Address  
1013 AYCOCK ST., GOLDSBORO, NC, 28533

SMT  
TATTOO RIGHT FOOT TATTO ON RIGHT FOREARM  
TATTOO RIGHT ARM "SHANELL" "P"  
TATTOO LEFT ARM "MONEY OVER BITCHES"

POB  
UNITED STATES

AKA  
NAME: BEAMON,PATRICK T  
NAME: BEAMON,PATRIC T  
NAME: BEAMON,PATRICK  
NAME: BEAMON,PATRICK TERRELL  
NAME: BEAMON,PATRICK TERELL

SID	FBI	DOC
NC0821271A	189184LB9	0690297

Probation/supervision agency  
WAYNE County Probation/Parole, 919-731-7902 after hours contact 1-888-646-0024

Parole Status  
PROBATION



ABSCONDER



Parole Status  
PROBATION

Caveat

Active Probation/Parole \*\*\* Law Enforcement Officers: If you encounter this offender, immediately secure the offender in custody, and call 1-888-646-0024 for further instructions. \*\*\*

\*\*\* This is not a criminal history. This represents the most recent corrections information available from this agency. There may be additional corrections information available \*\*\*\*\*  
IMAGE :



IMAGE CAPTURE DATE: 2008-04-25

IMAGE CAPTURE TIME: 04:10:34

\*\*

\*\*\* END OF MESSAGE \*\*\*

## North Carolina Department of Corrections File

Name	Race/Eth	Sex	DOB
BRESK, ANDREW P	White/Unknown	Male	1960-02-09
Height	Weight	Eye Color	Hair Color
73	223	Blue	Brown
POB			
UNITED STATES			
AKA			
NAME: BRESK, ANDREW PAUL			
SID	FBI	DOC	
NC0633264A	303056AB2	0469119	

Corrections/Incarceration agency  
MAURY CI, 252-747-1400 or 919-733-2583 or 919-810-5392

## Caveat

Active Inmate \*\*\* Law Enforcement Officers: If you encounter this offender, immediately secure the offender in custody, and call 919-733-2583 or 919-810-5392 for further instructions. \*\*\*

\*\*\* This is not a criminal history. This represents the most recent corrections information available from this agency. There may be additional corrections information available \*\*\*\*\*





IMAGE :



IMAGE CAPTURE DATE: 2009-06-29

IMAGE CAPTURE TIME: 02:07:23








\*\*

\*\*\* END OF MESSAGE \*\*\*

# National Corrections Image Exchange

- Work remains to be done on the correction officer alert:
  - Currently get an ORI
  - Need the mobile officer's name and terminal ID so that correction officer can contact for clarification
  - Need to work that information into our alerting system

# Probation & Parole Case Roster with AOC Alerts

		<b>PPO Roster Review List</b> For: SJE2 - SMITH, JOHN E.			
<i>(Note 1: ** = past due) (Note 2: * = Not Complete) (Note 3: Only active CTG/STG levels are shown.)</i>					
<b>AOC Alerts:</b> There are 13 offender(s) with a total AOC Alerts of <b>New: 30</b> and <b>Investigating: 0</b> and <b>Data Changed: 3</b> .					
<b>F I L T E R</b>	<b>Only show offenders with:</b>		<input type="checkbox"/> CTG/STG <input type="checkbox"/> Pending/Requested Violations <input type="checkbox"/> Courtesy For <input type="checkbox"/> Courtesy By <input type="checkbox"/> Curfew Check <input type="checkbox"/> Drug Test <input type="checkbox"/> Scheduled Term Date Past Due <input type="checkbox"/> Unavailable <input type="checkbox"/> Incomplete/Missing JOSI <input type="checkbox"/> Victim Notification <input type="checkbox"/> Warrantless Search <input type="checkbox"/> Surveillance For <input type="checkbox"/> Surveillance By <input type="checkbox"/> Absconder <b>Risk Level:</b> <input type="checkbox"/> High <input type="checkbox"/> Moderate <input type="checkbox"/> Low <b>AOC Alerts:</b> <input type="checkbox"/> New <input type="checkbox"/> Investigating <input type="checkbox"/> Data Changed <i>(Note: If you do not specify a filter, then all offenders will be returned.)</i>		
	<b>Limit to Offenders With Case Expiration:</b>		<b>Min Expiration</b> <input type="text"/>  <b>Max Expiration</b> <input type="text"/> 		
	<b>Show Image?:</b>		<input checked="" type="radio"/> Yes <input type="radio"/> No		
	<b>Sort By:</b>		<b>Sort Direction:</b>		
	<input type="text" value="Offender Name"/>		<input checked="" type="radio"/> Ascending <input type="radio"/> Descending		
<input type="button" value="Redisplay With Above Filter or Sort Criteria"/>					
<a href="#">Create PPO Roster Review List Report</a>					
Row Count/ AOC Alerts	DOC Number Offender Name Most Recent Address Phone/Zone Date of Birth Courtesy (PPO) Surveillance (PPO)	Begin Supervision Date Scheduled Term Date Punishment Type Supervision Level Case Expirations	Next Office Contact Last OMC Last Home Contact Last Field Contact	Last Case Review/Type Last Financial Oblig. Check Last Criminal Record Check Last Curfew Check	Items of Note
<div>  </div> <div> <b>1</b>  <b>New(10) Inv(0)</b>  <b>Chg(0)</b> </div>	<a href="#">9093374</a> <a href="#">View Contact Info</a> <b>DOE, MARY JAHIE</b> 123 FRONT DRIVE HIGH POINT, NC 27260 <b>Phone:</b> (336)444-8888 <b>Zone:</b> 004 <b>DOB:</b> 01/21/1972 <a href="#">View Narratives</a> <a href="#">Add New Narrative</a>	<b>Begin Date:</b> 08/15/2008 <b>Term Date:</b> 08/15/2010 <b>Type:</b> INTERMEDIATE SS <b>Level:</b> IMD LVL II <a href="#">View Case Expirations</a> 08/15/2010 (1)	<b>Next OC :</b> <b>Last OMC :</b> <a href="#">02/17/2009</a> <b>Last HC(1):</b> <a href="#">03/10/2009</a> (TUE) <b>Last HC(3):</b> <a href="#">05/05/2009</a> (TUE) <b>Last FC :</b> <a href="#">02/09/2009</a>	<b>Last CR:</b> <a href="#">03/25/2009</a> - VIOLATION STAFFING <b>Last FMS:</b> <a href="#">02/17/2009</a> <b>Last CRC:</b> <a href="#">04/17/2009</a> <b>Last CC:</b> <a href="#">03/26/2009</a>	JOSI (Completed) <b>Risk Level:</b> Moderate <b>2 Pend Req Violations:</b> <b>Hearing:</b> 04/13/2009 10:00** <b>Hearing:</b> Not scheduled <b>Last WS:</b> <a href="#">09/25/2008</a> <b>Last DT:</b> <a href="#">02/17/2009</a> POS
<div>  </div> <div> <b>2</b> </div>	<a href="#">9099491</a> <a href="#">View Contact Info</a> <b>JONES, JAMES A.</b> 100 E. MAIN AVE. HIGH POINT, NC 27260 <b>Phone:</b> (336)123-4567 <b>DOB:</b> 08/12/1986 <a href="#">View Narratives</a> <a href="#">Add New Narrative</a>	<b>Begin Date:</b> 09/03/2008 <b>Term Date:</b> 03/14/2010 <b>Type:</b> DVM <b>Level:</b> IMD LVL II <a href="#">View Case Expirations</a> 03/02/2010 (1) 03/14/2010 (1)	<b>Next OC:</b> 06/03/2009 08:15 <b>Last OMC :</b> <a href="#">05/04/2009</a> <b>Last HC(1):</b> <a href="#">03/19/2009</a> (THUR) <b>Last HC(2):</b> <a href="#">04/28/2009</a> (TUE) <b>Last FC :</b> <a href="#">01/13/2009</a>	<b>Last CR:</b> <a href="#">12/19/2008</a> - INITIAL CASE REVIEW <b>Last FMS:</b> <a href="#">05/04/2009</a> <b>Last CRC:</b> <a href="#">05/04/2009</a>	JOSI (Completed) <b>Risk Level:</b> Low <b>3 Pend Req Violations:</b> <b>Hearing:</b> 06/19/2009 10:00 <b>Hearing:</b> 01/13/2009 08:30** <b>Last DT:</b> <a href="#">05/04/2009</a> NG*
<div>  </div> <div> <b>3</b>  <b>New(2) Inv(0)</b>  <b>Chg(0)</b> </div>	<a href="#">9992587</a> <a href="#">View Contact Info</a> <b>SMITH, JOSEPH</b> 999 EAST STREET HIGH POINT, NC 27260 <b>Phone:</b> (404)777-2222 <b>Phone 2:</b> (336)888-5555 <b>DOB:</b> 3/17/1986 <a href="#">View Narratives</a> <a href="#">Add New Narrative</a>	<b>Begin Date:</b> 01/09/2007 <b>Term Date:</b> 04/08/2012 <b>Type:</b> INTERMEDIATE SS <b>Level:</b> IMD LVL II <a href="#">View Case Expirations</a> 05/07/2011 (1) 04/08/2012 (1)	<b>Next OC:</b> <b>Last OMC :</b> <a href="#">03/26/2009</a> <b>Last HC(1):</b> <a href="#">04/23/2009</a> (THUR) <b>Last FC :</b> <a href="#">04/24/2008</a>	<b>Last CR:</b> <a href="#">04/16/2009</a> - VIOLATION STAFFING <b>Last FMS:</b> <a href="#">03/26/2009</a> <b>Last CRC:</b> <a href="#">04/09/2009</a> <b>Last CC:</b> <a href="#">07/12/2007</a>	<b>1 Pend Req Violations:</b> <b>Hearing:</b> 06/15/2009 10:00 <b>Last WS:</b> <a href="#">04/19/2009</a> <b>Last DT:</b> <a href="#">01/26/2009</a> NEG

# National Corrections Image Exchange

- End result is improved officer safety
- Leverages those law enforcement contacts to keep better control on supervised offenders in the community